

## A NEW GENUS *USANUS* AND NEW SPECIES OF MEXICAN LEAFHOPPER RELATED TO *CHLOROTETTIX*

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A bizarre species of leafhopper from the standpoint of both the color pattern and unique genitalia has been collected in Mexico at Iguala. A new genus and species is being erected to accomodate this insect.

### Genus *Usanus* DeLong, new genus

In form resembling a broad headed *Chlorotettix*. The vertex is short, broadly rounded and broadly rounding to the front. The venation of the elytra is simple and reduced. There are no costal veinlets. The cross vein forming the first apical cell is just anterior to the cross vein forming the second apical cell. The third apical cross vein is more anterior than either of the others. The clypeus is broader at the apex than at the base.

### *Usanus stonei* DeLong, new species

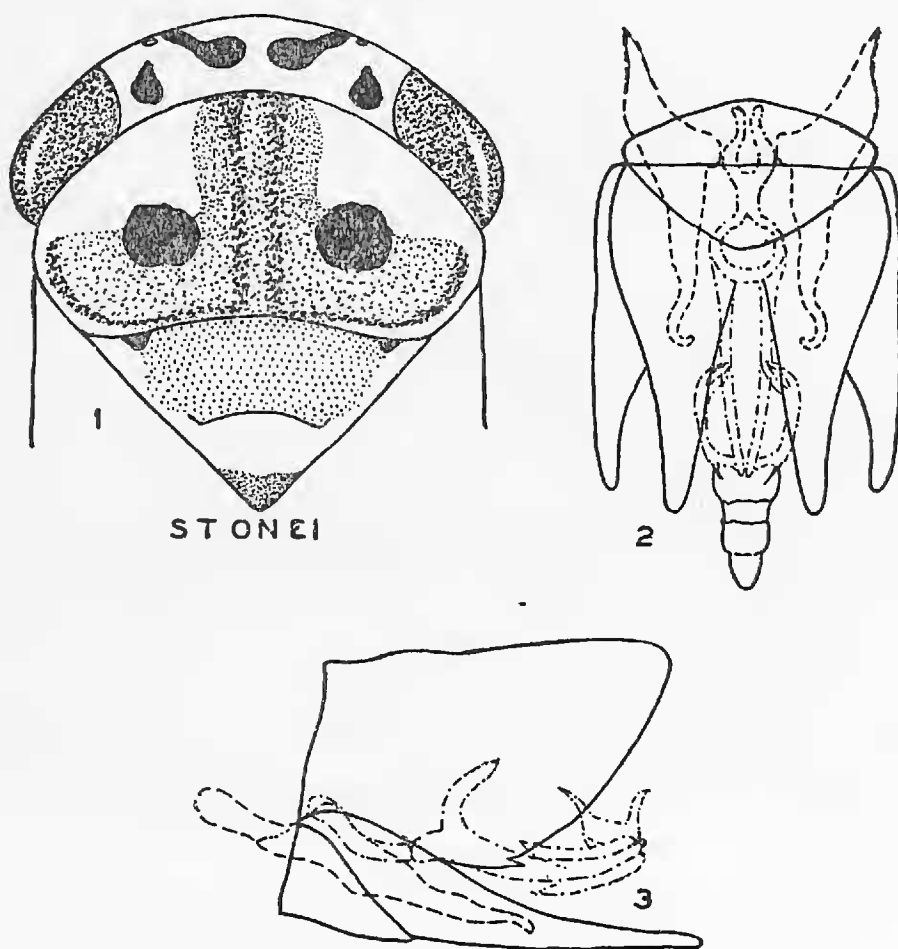
A broad blunt headed species with a pair of oblique black dashes on the margin and a pair of large round black spots on the pronotum. Length, 6 mm.

Vertex short and broad and broadly rounded between the eyes; more than four times as wide between eyes as median length; broadly rounded to the front. Pronotum almost four times as long as vertex.

Color: Vertex cream with a pair of heavy oblique black marks extending over margin to just above apex and enlarged where they converge at the median line just above apex. A small black spot on the base next each eye. Pronotum gray with a large round black spot about the middle each side on the posterior portion of the disc. Scutellum brownish anterior to median impressed line; white on posterior portion. Elytra whitish subhyaline; veins black.

Genitalia: Male plates elongate, triangular, apices narrow but blunt. Style elongate, tapered, apical half narrow, curved inwardly and basally at apex. Aedeagus rather robust with a basal dorsally directed process. At the apex there is a broad quadrate process which bears a rather long finger-like dorsally directed spine both anteriorly and posteriorly on each side.

Holotype, male, and male paratypes collected at IGUALA, GRO., Oct. 22, 1941 (K. 188, Mexico City, Acapulco Road) by E. E. Good and D. M. DeLong.



*Usanus stonei* DeLong, n. sp. Fig. 1, dorsal view of head, pronotum and scutellum; Fig. 2, ventral view of male genitalia; Fig. 3, lateral view of male genitalia.

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## A NEW SPEYERIA FROM WASHINGTON

BY F. H. CHERMOCK AND D. P. FRECHIN

*Butler, Penn., and Bremerton, Wash.*

*Speyeria cybele pugetensis* Chermock and Frechin, new race

Mean expanse of series, 70-80 mm. Average, 75 mm.

Both sexes resemble *leto* (Behr.), (Proc. Cal. Acad. Nat. Sci., vol 2, pp. 172-177), but are at once separable by several diagnos-